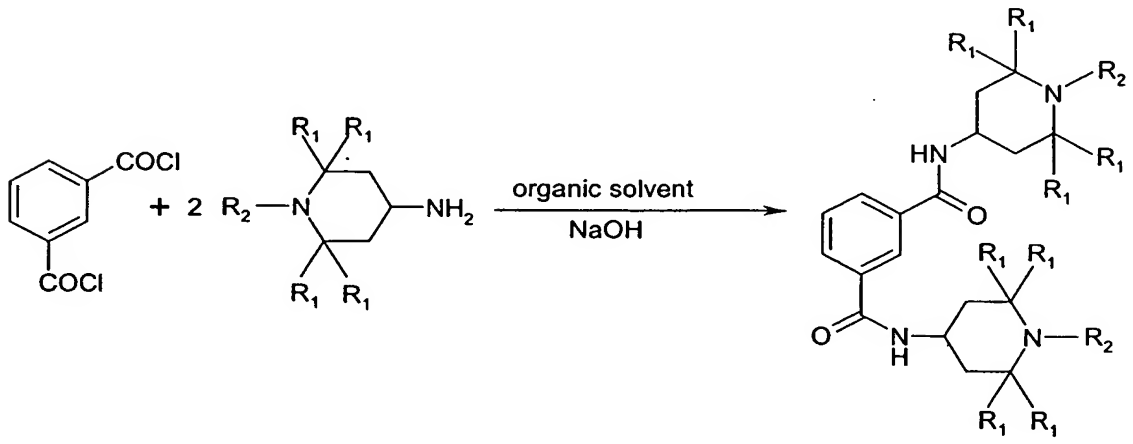
CLAIMS

1. Process for the preparation of stabilizers of general formula (I) by condensation of isophthalic acic dichloride (IPC) with sterically hindered amines of general formula (II),



IPC **(II)** **(I)**

wherein R_1 is H, C_6-cycloalkyl or C_1-C_4-alkyl, and R_2 is H, C_1-C_5-alkyl, or a C_1-C_{10}-alkyloxy-group, characterized in that organic solvents or mixtures thereof with water and an optimized combination of pressure and temperature are used during the whole process.

2. Process according to claim 1 characterized in that R_1 is H or C_1-C_2-alkyl and R_2 is H or C_1-C_2-alkyl.

3. Process according to claim 1 characterized in that R_1 is methyl and R_2 is H.

4. Process according to any of claims 1 to 3 characterized in that the molar ratio of IPC to the amine (II) is from 1 to 1.8 - 2.0.

5. Process according to any of claims 1 to 4 characterized in that the solvent is xylene, ethanole or isopropanole or a mixture of 60 - 80 % isopropanole and 20 - 40 % water by volume.

6. Process according to any of claims 1 to 5 characterized in that the IPC is added to the amine (II) in the solvent/water/NaOH solution at a temperature of 25 to 35°C and that the reaction mixture is stirred for 50 to 70 minutes at the same temperature.

7. Process according to claim 6 characterized in that the reaction mixture is then heated in an autoclave to a temperature of 90 - 110 °C and to a system pressure of 1.3 - 1.7 bars.

8. Process according to claim 7 characterized in that a phase separation takes place and that the organic phase, after addition of water, is heated to a temperature of 130 - 140 °C and to a pressure of 3.0 - 4.0 bars.

9. Process according to claim 8 characterized in that after cooling to ambient temperature the compound of formula (I) is isolated.